

ABSTRACT OF THE DISCLOSURE

“Tool for Automatically Mapping Multimedia Annotations to Ontologies”

A tool for learning to relate annotations and transcript of a multimedia sequence to nodes in a formally or semi-formally represented ontology covering a broad range of possible multimedia documents. The device includes learning data preparation that involves certain special techniques for deriving data from the past mappings of annotations to nodes in an ontology, building inverted indices maintaining certain special statistics and a retriever that exploits these special statistics to rank the relevance of the nodes in an ontology for a given a set of new annotations.